

# Fineness.

Reported      Calculated      Formula for      Calculated  
 at +.001      at +.001      Copper.      at +.001  
 899 or -.01      898  $\frac{3}{4}$  = -.01  $\frac{1}{4}$

990 $\frac{1}{4}$	991 $\frac{1}{4}$	90 + $\frac{1}{4}$ + $\frac{1}{4}$	991 $\frac{1}{2}$
990 $\frac{1}{2}$	991 $\frac{1}{2}$	+ 1.5 + 1.25	992
990 $\frac{3}{4}$	991 $\frac{3}{4}$	+ 1.5 + .25	992
991 $\frac{1}{4}$	992 (100 = 8.)	90 + 1. + 1.	992
991 $\frac{1}{2}$	992 $\frac{1}{4}$	+ 2 $\frac{1}{4}$	992
991 $\frac{3}{4}$	992 $\frac{1}{2}$	100 - 7 $\frac{1}{2}$	992
992 $\frac{1}{4}$	992 $\frac{3}{4}$	90 + 1.5 + 1.25	992
992 $\frac{1}{2}$	993	100 - 7	992
992 $\frac{3}{4}$	993 $\frac{1}{4}$	90 + 3 + $\frac{1}{4}$	992
993 $\frac{1}{4}$	993 $\frac{1}{2}$	90 + 3 + $\frac{1}{2}$	992
993 $\frac{1}{2}$	993 $\frac{3}{4}$	" + 3 + $\frac{3}{4}$	992
993 $\frac{3}{4}$	994	100 - 6	992
994 $\frac{1}{4}$	994 $\frac{1}{4}$	90 + 2 $\frac{1}{4}$ + 1 + 1	992
994 $\frac{1}{2}$	994 $\frac{1}{2}$	90 + 4 $\frac{1}{2}$	992
994 $\frac{3}{4}$	994 $\frac{3}{4}$	90 + 2 $\frac{1}{4}$ + (2 $\frac{1}{4}$ )	992
995 $\frac{1}{4}$	995	100 - 5	992
995 $\frac{1}{2}$	995 $\frac{1}{4}$	90 + 4.5 + .75	992
995 $\frac{3}{4}$	995 $\frac{1}{2}$	100 - 4 $\frac{1}{2}$	992
996 $\frac{1}{4}$	996	90 + 4.5 + 1.0 + .25	992
996 $\frac{1}{2}$	996 $\frac{1}{4}$	100 - 4	992
996 $\frac{3}{4}$	996 $\frac{1}{2}$	90 + 3 + 3 + .25	992
997 $\frac{1}{4}$	997	90 + 1.5 + 5	992
997 $\frac{1}{2}$	997 $\frac{1}{4}$	90 + 4.5 + 2.25	992
997 $\frac{3}{4}$	997 $\frac{1}{2}$	100 - 3	992
998 $\frac{1}{4}$	998	90 + 4.5 + 2.25 + .50	992
998 $\frac{1}{2}$	998 $\frac{1}{4}$	100 - 2 $\frac{1}{2}$ or 90 + 7.5	992
998 $\frac{3}{4}$	998 $\frac{1}{2}$	90 + 7.5 + 2.5 or 100 - 2 $\frac{1}{4}$	992
999 $\frac{1}{4}$	999	100 - 2	992
999 $\frac{1}{2}$	999 $\frac{1}{4}$	90 + 7.5 + 7.5	992
999 $\frac{3}{4}$	999 $\frac{1}{2}$	100 - 1.5 or 90 + 7.5 + 1.	992
1000	999 $\frac{3}{4}$	90 + 7.5 + 1.25 or 100 - 1 $\frac{1}{4}$	992
	1000	90 + 9 or 100 - 1	992
		100 - .75	992
		100 - .5 or 90 + 4.5 + 5.	992
		100 - 2.5 or 90 + 7.5 + 2.25	992
		100 + .25	992
		100 + .5	992
		100 + .75	992

For a melt of 1000 to be lowered .0004 in fineness takes 3 oz. Copper  
 2160  
 1500  
 1440  
 1800  
 2160  
 1080  
 360. oz. to be lowered .0004 in fineness takes 1 oz. Copper  
 720  
 360  
 1440  
 160